

ABSTRACT

An insulating tape for spooling an electric conductor is provided with a woven fabric serving as support body.

Material having a high-quality dielectricity is mounted on the woven fabric which is wide-meshed and contains warp threads made of a relatively coarse yarn and weft threads made of a finer yarn. The warp threads and the weft threads are guided in the direction of winding. The warp threads are provided with little fibre density. This results in a surface weight that matches the surface weight of a fine-meshed woven fabric containing warp and weft threads made of finer yarn. A greater edge breaking strength is obtained in relation to the fine-meshed woven fabric by the courser yarn which is guided with less fibre density and is used in the warp threads. The insulating tape has a lower content of woven fabric, good dielectric properties and great edge breaking strength at the same time and good windability at high winding speed.

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